DEC REGION:	9			SPILL NUMBER:	0750710					
SPILL NAME:	TON	NAWANDA COK	E	DEC LEAD:	sacaland					
CALLER NAM	E: _ A	NONYMOUS		NOTIFIER'S NAME:		3509.01 GOVERNMENT				
CLR'S AGENC	Y: E	MPLOYEE		NOTIFIER'S AGENCY		EXHIBIT				
CALLER'S PH	ONE:			NOTIFIER'S PHONE:		1:10-cr-00219				
SPILL DATE:		08/01	/2007	SPILL TIME:	12:00 pm					
CALL RECEN	/ED DA	TE: 08/16	/2007	RECEIVED TIME:	11:50 am					
			SPILL L	OCATION						
PLACE:	TONA	WANDA COKE		COUNTY:	Erie					
STREET:	3875	RIVER ROAD		TOWN/CITY:	Tonawanda					
CONTACT:	DAN	HEUCRAFT		COMMUNITY:	TONAWANI	JA				
CONT. FACTO	OR:	Deliberate		SPILL REPORTED	BY: Other					
FACILITY T	YPE:	Commercial/I	ndustrial	WATERBODY:						
CALLER RE			electrical transfromers	were emptied on the coal fie	eld on the south	side.				
MATERIAL TRANSFORME	R OIL		CLASS Petroleum	SPILLED RE	COVERED RI	ESOURCES AFFECTED				

POTENTIAL SPILLERS

COMPANY

ADDRESS

3875 RIVER ROAD TONAWANDA NY 14150

CONTACT

Gross Failure Source **Test Method** Leak Rate Cause Tank No. Tank Size Material

DEC REMARKS:

TONAWANDA COKE

08/16/07 RMC/FILE. DISCUSSED WITH DKK, DELIBERATE DUMPING COMPLAINT. REFERRED TO LE. COPIED

CLOSE OUT AS A SPILLS ISSUE.

NO PAPER FILE.

8/21/07; SAC TELECON ECO JAMES HUNT - DEC LAW ENFORCEMENT/TODAY'S DESK OFFICER. ECO HUNT WAS CONTACTED BY ECO CHUCK LOHR WHO WAS FOLLOWING UP ON COMPLAINT. ECO HUNT SAID THAT ECO LOHR RELATED TO HIM THAT WHILE HE WAS INSPECTING THE COMPLAINT, HE OBSERVED LEAKING TRANSFORMERS AT THE SITE AND A LEAKING DRUM AND REQUESTED A SPILL RESPONDER COME TO SCENE TO ASSIST. SAC AGREED TO COME TO SITE.

8/21/07:SAC INSPECT SITE. MET WITH ECO LOHR & ECO CHUCK WILSON AND MARK KAMHOLZ -TONAWANDA COKE. THERE WERE 8 OR 9 TRANSFORMERS ON SITE WITH SOME LEAKING. TRANSFORMERS WERE STAGED ON CONCRETE BUT SMALL AMOUNT DID REACH A SMALL AREA OF

יחר: ed:

08/16/2007

12/12/2007

Last Updated: 12/12/2007



YSDEC SPILL REPORT FOR

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DEC REGION:	9	SPILL NUMBER:	0750710
SPILL NAME:	TONAWANDA COKE	DEC LEAD:	sacaland

GRASS/SOIL. OIL FROM THESE TRANSFORMERS WAS GOING TO BE USED AS PART OF REGULAR PRACTICE TO PUT ONTO COAL PILE AND HEATED TO 2000 DEGREES. SAME IS TRUE FOR THE OIL FROM THE DRUM AND ANY OIL THAT IS USED AT THE SITE. 3 OF THE TRANSFORMERS HAD THE OIL TESTED AND WITH THE HIGHEST BEING 15 ppm. OTHER TRANSFORMERS WILL HAVE OIL TESTED BEFORE BEING USED SIMILARLY. IF OIL TESTS GREATER THAN 50 ppm IT IS NOT USED AND DISPOSED AS A HAZARDOUS WASTE. SAC ASKED IF THERE WAS A PERMIT ALLOWING THIS PRACTICE AND MR. KAMHOLZ DID NOT BELIEVE THERE WAS SINCE IT WAS NORMAL PRACTICE WITH THE OIL BEING A FEEDSTOCK AND THE TEMPERATURES USED WOULD LEAD TO THE DESTRUCTION OF THE OIL AND ANY PCBs. IT WAS AGREED TO HOLD OFF ON CLEANUP OF THE TRANFORMER AREA UNTIL CLARIFICATION COULD BE DETERMINED WHETHER THIS WAS ACCEPTABLE.

8/22/07:SAC MET W/LARRY SITZMAN - DEC/DIV OF AIR. ALTHOUGH FACILITY HAS A DEC DIV. OF AIR PERMIT, MR. SITZMAN RECOMMENDING DISCUSSING W/SOL & HAZ MATERIALS REGARDING USED OIL REGS.

SAC SPOKE TO TOM CORBETT. MR. CORBETT CHECKED INTO THE USED OIL REGS AND SAID THAT THIS PRACTICE OF PLACING OIL ONTO THE COAL PILE FOR PROCESSING UNDER THE FOLLOWING TWO CONDITIONS:

1)THE OIL WOULD HAVE TO BE BLENDED WITH OTHER OIL UNTIL THE MIXED PRODUCT HAD A CONCENTRATION OF 2 ppm OR LESS

2)USING OIL LIKE THIS STILL REQUIRES A BENEFICIAL USE DETERMINATION (BUD) PERMIT FROM DIV OF SOLID WASTE LEGALIZING THE PROCEDURE. MR. CORBETT TO FOLLOW UP WITH AN INSPECTION OF THE FACILITY TODAY.

8/22/07:SAC TELECON CAMERON O'CONNOR - NYSDOH REGARDING CLEANUP LEVELS. MR. O'CONNOR LOOKED UP CLEANUP GUIDANCE LEVELS AND FOR INDUSTRIAL SITES, CLEANUP LEVEL IS 25 ppm PCBS. BASED ON LEVELS OF ANALYZED OIL FROM THE THREE TRANSFORMERS NO CONFIRMATORY SAMPLES WILL BE REQUIRED FOR SPILL FROM THIS AREA. OTHER AREA WILL BE BASED ON THE ANALYTICAL RESULTS OF THE OTHER TRANFORMERS' OIL.

8/22/07:SAC SPOKE TO TOM CORBETT. MR. CORBETT INSPECTED SITE. HE MET W/MARK KAMHOLZ AND DISCUSSED REQUIREMENTS W/HIM INCLUDING THE REQUIREMNT OF A BUD PERMIT. NO CLEANUP WILL TAKE PLACE UNTIL THE PERMIT IS IN ORDER. MR. CORBETT WILL FOLLOWUP ON PERMIT W/RP AND NOTIFY SAC ONCE IT IS IN PLACE.

SAC SPOKE TO LARRY SITZMAN NOTIFYING HIM OF RESULTS OF MR. CORBETT'S INSPECTION.

SAC SPOKE TO DKK AND IT WAS AGREED BECAUSE OF THE LEAKING TRANSFORMERS AND DRUM TO RE-OPEN SPILL WHICH HAD BEEN CLOSED AFTER THE REFERRAL TO LAW ENFORCEMENT.

8/27/07:SAC TELECON ECO CHUCK LOHR. SAC NOTIFIED MR. LOHR OF THE STATUS.

8/27/07:SAC TELECON LARRY SITZMAN. MR. SITZMAN VISITED TONAWANDA COKE ON 8/24. BASED ON DISCUSSIONS W/MR. KAMHOLZ, THEY WILL STILL BE USING OIL AS PART OF THE PROCESS SO THERE WILL NEED TO BE A BUD FOR THIS, BUT THE TRANSFORMER OIL WILL NOT BE PART OF THIS SO THEY WILL DISPOSE OF THE TRANSFORMER OIL CONTAMINATED SOIL OFF-SITE.

8/27/07:SAC TELECON MARK KAMHOLZ. HE CONFIRMED THAT THE TRANSFORMER OIL CONTAMINATED SOIL WILL BE DISPOSED OF OFF-SITE. HE RECEIVED THE RESULTS OF THE OTHER TRANSFORMER OIL SAMPLES AND THEY WERE ND. HE WILL FAX IN THE RESULTS TO SAC. MR. KAMHOLZ SAID BASED ON HIS DISCUSSION AND AGREEMENT W/MR. CORBETT, HE WOULD NOT BEGIN ANY CLEANUP UNTIL HE SPOKE TO MR. CORBETT AGAIN.

Created On:

08/16/2007

Date Printed:

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Last Updated: 12/12/2007



NYSDEC SPILL REPORT F



DEC REGION:	9	SPILL NUMBER:	0750710	
SPILL NAME:	TONAWANDA COKE	DEC LEAD:	sacaland	

8/27/07:RECEIVED RESULTS FROM MARK KAMHOLZ. RESULTS FOR 3 OIL SAMPLES CAME BACK ND FOR PCBs. RESULTS FOR 1 OIL SAMPLE CAME BACK HAZARDOUS FOR PCBs. RESULTS FOR 1 SOIL SAMPLE CAME BACK HAZARDOUS FOR PCBs.

8/28/07:GAVE COPY OF RESULTS TO TOM CORBETT.

9/20/07:SAC SPOKE TO TOM CORBETT. MR. CORBETT IS FOLLOWING UP ON THE ADMINSTRATIVE ASPECTS W/TONAWANDA COKE BUT SAID THAT ANY SPILL CLEANUP CAN BEGIN.

9/21/07:SAC TELECON MARK KAMHOLZ. DISCUSSED CLEANUP. MR. KAMHOLZ SAID THAT HE HAS HAD WASTE TECHNOLOGIES AT THE SITE TO LOOK AT THE WORK FOR A QUOTE. HE IS WAITING TO HEAR BACK FROM THEM. HE ALSO WAS WAITING TO HEAR FROM TOM CORBETT BEFORE PROCEEDING BUT SAC TOLD MR. KAMHOLZ, THAT MR. CORBETT SAID THAT THIS IS A SPILLS ISSUE AND THE CLEANUP CAN PROCEED WITHOUT WAITING FOR HIM. MR. KAMHOLZ SAID HE WILL BE IN CONTACT SOON ONCE HE FINISHES ARRANGING FOR THE WORK WITH WASTE TECHNOLOGIES.

10/5/07:SAC TELECON MARK KAMHOLZ. MR. KAMHOLZ SAID THAT WASTE TECHNOLOGIES WILL BE ON-SITE WEDNESDAY 10/10 TO REMOVE THE TRANSFORMERS AND EXCAVATE THE CONTAMINATED SOIL INTO A ROLLOFF.

10/16/07:SAC SPOKE TO TOM CORBETT. MR. CORBETT WAS CONTACTED BY MARK KAMHOLZ THAT ADDITIONAL WORK WOULD BE DONE TODAY. MR. CORBETT RECEIVED MANIFESTS FOR MATERIAL THAT HAS BEEN REMOVED.

10/25/07:SAC TELECON MARK KAMHOLZ. MR. KAMHOLZ SAID THAT CONTRACTOR IS SCHEDULED TO RECOMMENCE THE CLEANUP TOMORROW.

11/16/07:SAC INSPECT SITE. FOUND AREA OF SOIL EXCAVATED AND ADJACENT AREA OF CONCRETE REMOVED. AREA WHERE NON-PCB OIL TALL TRANSFORMERS WERE, WAS A CONCRETE PAD. ROLLOFF CONTAINING CONTAMINATED MATERIAL WAS STILL ON-SITE. DRUMS OF OIL HAVE ALSO BEEN DISPOSED. MR. KAMHOLZ SAID CONFIRMATORY SAMPLE RESULTS WERE BELOW 25 ppm PCBs. ONCE HE RECEIVES ALL DOCUMENTATION INCLUDING FORMAL LABORATORY REPORT OF THE CONFIRMATORY SAMPLE ANALYSIS AND THE DISPOSAL RECEIPTS, HE WILL FORWARD THEM TO SAC.

12/6/07: RECEIVED DISPOSAL RECEIPTS AND A HISTORY OF WASTE TECHNOLOGY SERVICES SITE INVOLVEMENT ALONG W/A TABLE OF ANALYTICAL RESULTS FOR CONFIRMATORY SAMPLES. SENT COPY OF REPORT TO ECO AND GAVE COPY TO TOM CORBETT.

12/7/07:SAC TELECON MARK KAMHOLZ. SAC REQUESTED A COPY OF THE ANALYTICAL REPORT FOR THE CONFIRMATORY SAMPLE ALONG WITH AN EXCAVATION SITE DRAWING SHOWING THE SAMPLE LOCATIONS. MR. KAMHOLZ SAID HE WILL TRY TO SEND IN DOCUMENTATION NEXT WEEK.

12/11/07:RECEIVED CONFIRMATORY ANALYTICAL RESULT REPORTS. SENT COPY OF REPORT TO ECO LOHR AND GAVE COPY OF REPORT TO TOM CORBETT. NO FURHTER ACTION REQUIRED BY SPILLS.

PIN

T & A

COST CENTER

CLASS:

CLOSE DATE: 12/12/2007

MEETS STANDARDS:

True

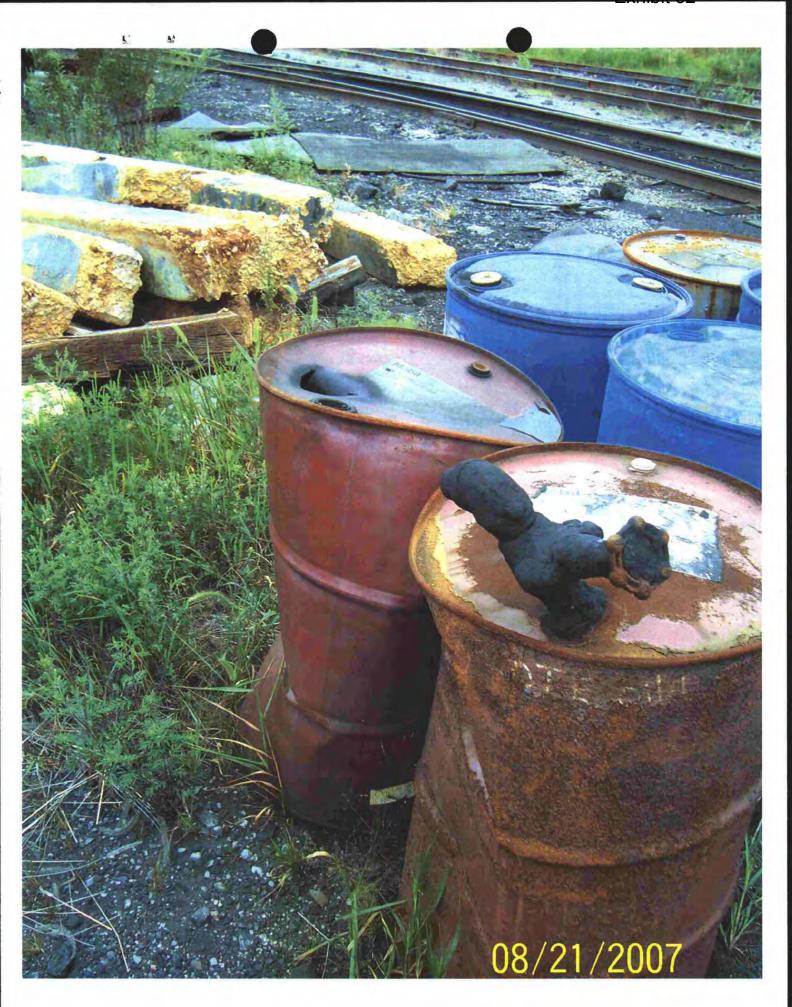
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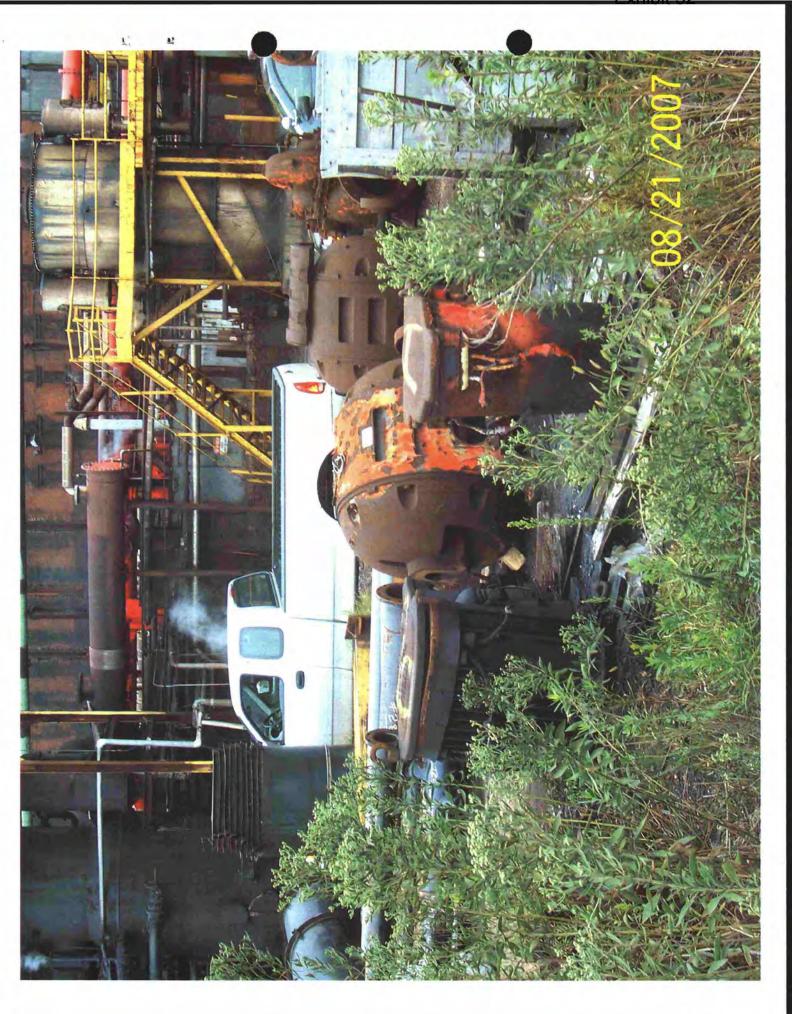
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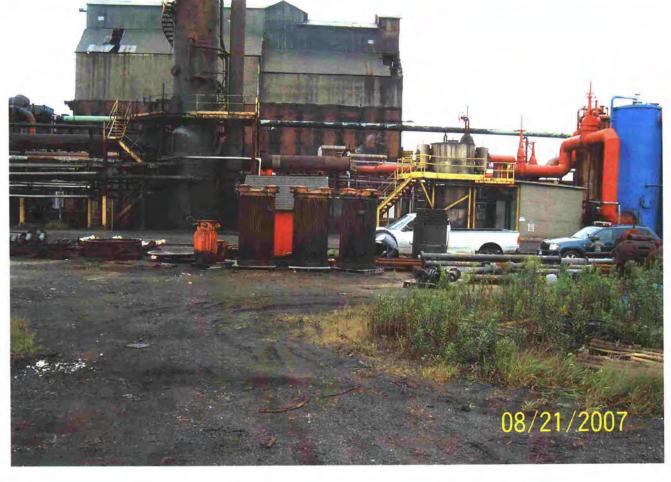
Last Updated: 12/12/2007





Case 1:10-cr-00219-WMS-HKS Document 224 Filed 09/16/13 Page 7 of 48 Exhibit 32





: 1/ 2

Tonawanda Coke Corporation

3875 River Road Tonawanda NY, 14150 Project: Env. Projects Soils/Oils

Project Number: Tonawanda Coke Corporation Project Manager: Mark Kamholz

Reported: 08/23/07 11:55

Polychlorinated Biphenyls by EPA Method 8082

Waste Stream Technology Inc.

Analyto	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
A (7H22007-01RE1) Oil	Sampled: 08/22/07 09:00	Received: 08/2	2/07 10:05						
Aroclor 1016	ND	1.0	mg/kg	5	AH72209	08/22/07	08/22/07	8082	Ü
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Aroclor 1232	ND	1,0	"	ur .	n	H	4		υ
Arocior 1242	ND	1.0	h	91	*	*	ır	•	U
Aroclor 1248	ND	1.0	41	**	11	**	**	**	ប
Arocior 1254	ND	1.0		•	u/		н	7	บ
Aroclor 1260	ND	1.0	44	и	u	H	4	ч	υ
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Surrogate: Decachlorobiph	enyl	127 %	60-1.	34	M	•	u	u	
B (7H22007-02RE1) Oil	Sampled: 08/22/07 09:00	Received: 08/2	2/07 10:05	;					
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Aroclor 1248	ND	1.0	**	10	D	•	*	h	ט
Aroclor 1254	ND	1.0	•	71	**	44	a a	•	ט
Aroclor 1260	ND	1.0		14		•			. ប
Surrogate: Tetrachloro-met	a-xylene	114 %	52-1	34	*	"	- "	"	<u>_</u>
Surrogate: Decachlorobiph.		126 %	60-1.		**	h	"	•	
E (7H22007-03RE1) Oil	Sampled: 08/22/07 09:00	Received: 08/22	2/07 10:05						
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Surrogate: Tetrachloro-mete	1-xylene	112 %	52-13	14	"	"	"	"	
Surrogate: Decachlorobiphe	inyl	126 %	60-13			,,	47	H	

Post-it® Fax Note 7671	Date 8/27/07 # of pages 7
To Sal Calandra	From Mark Kamber
Co./Dept.	Co.
Phone #	Phone # 876-6222
Fax #	Fax#

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Page 3 of 6

Salvatore Calandra - Re: Tonawanda Coke Investigation

Page 1

From:

Charles Lohr

To:

Calandra, Salvatore; Corbett, Thomas; Scott, Thomas; Sitzman, Larry; Strickland,

James; Webster, Cheryl

Date:

9/21/2007 7:13:25 AM

Subject:

Re: Tonawanda Coke Investigation

Thanks, when the violations are determined, could you all please pass on the sections so I can prepare ACATs for tracking. Thanks, Chuck.

>>> James Strickland 9/19/2007 10:07 AM >>>

Chuck - the RCRA program intends to pursue an administrative enforcement action related to used oil violations. I believe the Air program also has violations which will be combined with our action.

>>> Charles Lohr 09/19/07 8:19 AM >>> Hello:

Be advised that I am working on the complaint received at Tonawanda Coke. Could you please keep me in the loop on your plans and enforcement actions (if any) so we can keep this case coordinated. Thanks, Chuck.

10-16-07; 10:32AM

10/12/07 3 pgs

To: Tom Corbett From: Mark Kambo

Enclosed are the manifests as per your request.

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EPA Form 8700-22 (Rev. 3-05) Provious editions are obsolete.

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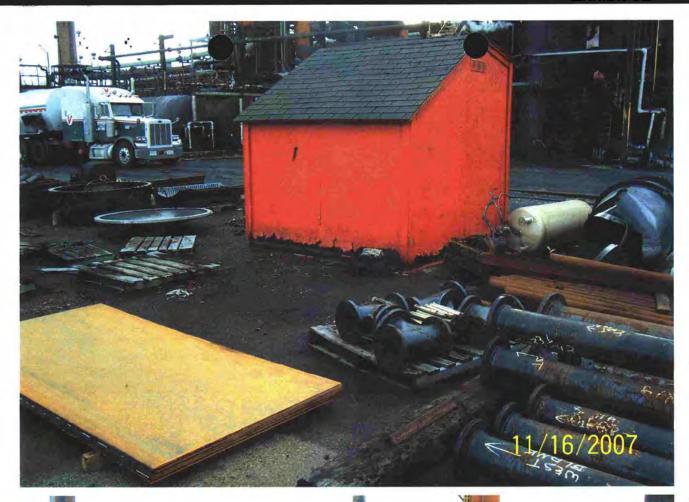
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NYSDEC REG 9
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December 5, 2007

Mr. Salvatore Calandra-Environmental Engineer I NYSDEC Div. of Remediation Spill Response Unit 270 Michigan Ave. Buffalo, NY 14203-2999

Dear Mr. Calandra:

Please find enclosed the "Project Summary" memo from Mr. Mike Oliver of Waste Technolgy Services to me concerning the activities that occurred at Tonawanda Coke Corporation to remediate the PCB contamination there. In addition, I have also enclosed copies of the three (3) "Designated Facility to Generator" manifests for the three (3) roll-offs that were used in the project.

Should you have any question, please contact me at 876-6222 or the address above.

Very Truly Yours

Tonawanda Coke Corporation

Mark L. Kamholz

Fax from : 1 716 282 6986

;



WASTE TECHNOLOGY SERVICES INC.

MEMO

TO:

Mark Kamholz Mgr. Env. Control

Tonawanda Coke Corp.

FROM:

Mike Oliver

Waste Technology Services, Inc.

RE:

WTS Project No. 26728

PCB Transformers / Non-PCB Transformers and PCB Soil Removal

Tonawanda Coke P.O. No. 51008-00

DATE:

November 26, 2007

Project Summary: 2007

August 31, 2007

Mike Oliver, WTS, visited Tonawanda Coke to evaluate transformers and potential contamination of soil. Collected analysis information for transformers.

September 4, 2007

Provided breakdown for project costs:

- Primary PCB transformer inventory
- Secondary non-PCB transformer inventory
- Expected soil removal

October 10. 2007

Spotted one (1) Hazmat 30 yd3 roll-off at Tonawanda Coke

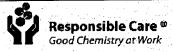
October 10, 2007

Coordinated with Tree Environmental to drain all fluids in non-PCB transformers into DOT spee. drums. Place in overpacks small PCB transformers >50ppm PCB. Wrap in plastic all small units to prepare for loading onto permitted waste hauler to be schedule at a later date.

Corporate Office: 435 North 2nd Street, Lewiston, NY 14092

Amesbury, MA · Hartford, CT · Richmond, VA · www.wtsonline.com

Telephone: 716-754-5400 • Fax: 716-754-8001



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12-04-07 09:41 Pg: 3

Oversaw the soil and pad excavation to remove suspect (stained) contaminated soils. All PCB soils placed into permitted, Hazmat roll-off. Representative post excavation samples were taken on the north, south, east and west walls as well as a floor sample. Post excavation samples showed levels of PCB >25ppm. See attached summary analysis.

October 12, 2007

WTS returned to Tonawanda Coke to confirm roll-off, drum and transformer units had proper markings for future shipment. Discussed sample results with Tonawanda Coke showing major reduction of PCB concentrations.

October 16, 2007

WTS coordinated pickup of #1 roll-off containing PCB soils/concrete to CWM Model City via Hazmat Environmental Group, Inc. and spotted roll-off #2. Also coordinated loading of all transformers into Price Trucking flatbed for disposal at Clean Harbors Twinsburg, Ohio PCB Treatment/Recycling facility.

October 26. 2007

WTS coordinated with Tree Environmental to continue excavation to remove additional soils from all areas of excavation and place soils into Hazmat roll-off #2. Post excavation soils analysis showed levels >25ppm in two areas. See attached summary analysis.

November 6, 2007

WTS coordinated pickup of #2 roll-off containing PCB soils/concrete to CWM Model City via Hazmat Environmental Group, Inc. and spotted roll-off #3. Also coordinated with Trec Environmental to continue excavation by widening areas in the north and south walls. All soils placed into Hazmat roll-off #3. Post excavation soils analysis showed all areas <25ppm except floor result of 27.5ppm. See attached summary analysis.

November 14, 2007

Hand shoveled hot area (27.5ppm) into roll-off #3.

Post excavation sample showed non-detect.

All areas remediated to below concerned levels.

November 21, 2007

WTS coordinated pickup of #3 roll-off containing PCB soils/concrete to CWM Model City via Hazmat Environmental Group, Inc. Project completed.

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12-04-07 09:42 Pg:

Tonawanda Coke Corp. Summary Analysis

Original PCB Level for Soil

124,000ppm

* Note purpose was to remediate industrial area below 25ppm PCB.

October 10th Excavation of Soils into Roll-off #1

Post Excavation Samples Showed:

East side wall	24.8ppm	(No further action required)
South side wall	4130ppm	
West side wall	2610ppm	
North side wall	220ppm	
Floor of excavation	137 ppm	

October 26th Excavation of Soils into Roll-off #2

Post Excavation Samples Showed:

East side wall	N/A	
South side wall	8.6ppm	(No further action required)
West side wall	1.6 p pm	(No further action required)
North side wall	139ppm	
Floor of excavation	133ppm	

November 6th Excavation of Soils into Roll-off #3

Post Excavation Samples Showed:

	East side wall	N/A	
	South side wall	N/A	
	West side wall	N/A	
	North side wall	Non-Detect	(No further action required)
*	Floor of excavation	27.5ppm	

November 14th

Hand shoveled into roll-off #3.

Post Excavation Sample of Floor - Non-Detect (No further action required)

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NYSDEC REG 9 FOIL REL UNREL

DEC 1 1 2007

December 10, 2007

Mr. Salvatore Calandra NYSDEC-Environmental Eng. J Spill Response Unit 270 Michigan Ave. Buffalo, NY 14203-2999

Dear Mr. Calandra:

As per our phone conversation on December 7, 2007, please find enclosed the analytical data for the sampling events associated with the excavations that took place on Tonawanda Coke Corporation property to remediate the PCB contamination. Also enclosed is a hand drawing of the excavation site.

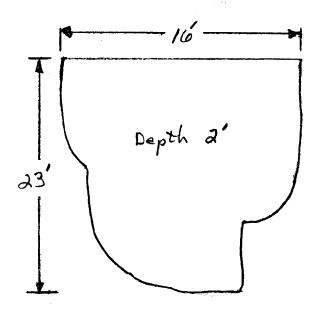
Should you have any question, please contact me at 876-6222 or the address above.

Very Truly Yours

Tonawanda Coke Corporation

Mark L. Kamholz

Drawing of PCB Excavation Site at Tonawanda Coke 2007





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10-11-07 15:38

Per: 2

WASTE STREAM TECHNOLOGY, INC.

302 Grote Street Buffalo, NY 14207 (716) 876-5290

Analytical Data Report

Report Date: 10/11/07 Work Order Number: 7J10022 Nest 2610 ppm South 4130 Part 24.8 North 220 Froor 137

Prepared For Mark Kamholz

Tonawanda Coke Corporation 3875 River Road

Tonawanda, NY 14150 Fax: (716) 876-4400

Site: PCB Soils

Enclosed are the results of analyses for samples received by the laboratory on 10/10/07. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Brian S. Schepart, Ph.D., Laboratory Director

2-18 Short

ENVIRONMENTAL LABORATORY ACCREDITATION CERTIFICATION NUMBERS
NYSDOH ELAP #11179 NJDEPE #73977 PADEP #68757 CTDPH #PH-0306 MADEP #M-NY068





Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Page 1 of 6

Case 1:10-cr-00219-WMS-HKS Document 224 Filed 09/16/13 Page_26 of 48,

Fax from

10-11-07 15:38

Pg: 3

Tonawanda Coke Corporation

Project: Env. Projects Soils/Oils

3875 River Road Tonawanda NY, 14150

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Project Number: PCB Soils
Project Manager: Mark Kamholz

Reported: 10/11/07 16:47

ANALYTICAL REPORT FOR SAMPLES

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Pad South	7J10022-02	Soil	10/10/07 12:00	10/10/07 12:56
Pad East	7J10022-03	Soil	10/10/07 12:00	10/10/07 12:56
Pad North	7J10022-04	Soil	10/10/07 12:00	10/10/07 12:56
Floor	7J10022-05	Soil	10/10/07 12:00	10/10/07 12:56

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Page 2 of 6

10-11-07 15:38

Tonawanda Coke Corporation

i,

Project: Env. Projects Soils/Oils

3875 River Road Tonawanda NY, 14150

Project Number: PCB Soils Project Manager: Mark Kamholz

Reported: 10/11/07 16:47

Polychlorinated Biphenyls by EPA Method 8082

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Pad West (7J10022-01RE2) Soil	Sampled: 10/10/07 12	:00 Recei	ved: 10/10/	07 12:56					
Aroclor 1016	ND	45000	ug/kg dry	1000	AJ71021	10/10/07	10/11/07	8082	τ
Aroclor 1221	ND	45000	11	19	**	41	**	n	Į
Aroclor 1232	ND	45000	U	11	**	1)	(r	h	ţ
Aroclor 1242	ND	45000	II		*	**	**	19	τ
Arocior 1248	ND	45000	D	h	•	,	"	#	ζ
Aroclor 1254	ND	45000	•	ш	*	н	5 *	Ħ	ŧ
Aroclor 1260	2610000	45000	n	н	•		II	**	
Surrogate: Tetrachloro-meta-xylene		%	61-1	40	"	"	"	"	U. S-0.
Surrogate: Decachlorobiphenyl		%	56-1	36	13	"	"	n	U, S-0.
Pad South (7J10022-02RE2) Soil	Sampled: 10/10/07 12	:00 Recei	ived: 10/10	<u>/07 12:56</u>					
Arocior 1016	ND	48100	ug/kg dry	1000	AJ71021	10/10/07	10/11/07	8082	Į
Aroclor 1221	ND	48100	P .	**	(4	46	19	H	τ
Aroclor 1232	ND	48100	н	n		u	19	n n	į
Aroclor 1242	ND	48100	ij	14	1)	li .	,,	n	τ
Aroclor 1248	ND	48100	n .		41	"	in .	•	Ţ
Aroclor 1254	ND	48100	н	u		11	"	II	ī
Aroclor 1260	4130000	48100			*		u ·	ir	_
Surrogate: Tetrachloro-meta-xylene		%	61-1	40	ı	"	"	"	U, S-01
Surrogate: Decachlorobiphenyl		%	56-1	36	"	"	tı .	u	U, S-01
ad East (7J10022-03) Soil Samp	oled: 10/10/07 12:00]	Received: 1	0/10/07 12	: <u>5</u> 6					
Aroclor 1016	ND	490	ug/kg dry	10	AJ71021	10/10/07	10/10/07	8082	J
Aroclor 1221	ND	490		IF	*1	11	•		i
Aroclor 1232	ND	490		10		"	tr	•	Ü
Aroclor 1242	ND	490	H		•	м		11	ŭ
Aroclor 1248	ND	490		**	*	ri	u	**	Ü
	NITS.	490	#	11		N	14	n	บ
Aroclor 1254	ND								~
Aroclor 1254 Aroclor 1260	24800	490	•	**	н	le .	II.	**	
			61-1-		"	17	n n	и	

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Page 3 of 6

10-11-07 15:38

Pg: 5

Tonawanda Coke Corporation

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Project: Env. Projects Soils/Oils

3875 River Road Tonawanda NY, 14150

Project Number: PCB Soils
Project Manager: Mark Kamholz

Reported: 10/11/07 16:47

Polychlorinated Biphenyls by EPA Method 8082

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit		Dilution	Batch	Prepared	Analyzed	Method	Notes
Pad North (7J10022-04RE1) Soil	Sampled: 10/10/07 1	2:00 Rece	ived: 10/10)/07 12 : 56	;		·		
Aroclor 1016	ND	4950	ug/kg dry	100	AJ71021	10/10/07	10/11/07	8082	U
Aroclor 1221	ND	4950	"	**	**		μ	"	ī
Aroclor 1232	ND	4950		11	•	"	п	u	ī
Aroclor 1242	ND	4950	**	41	if	10	16		Ü
Aroclor 1248	ND	4950		**	lr .	li .	11	n	U
Aroclor 1254	ND	4950	**	**			•	n.	U
Aroclor 1260	220000	4950	n	10	u	н	ч	14	•
Surrogate: Tetrachloro-meta-xylene		114%	61-1	40	10	"	"	,,	
Surrogate: Decachlorohiphenyl		131 %	56-1	-	"	"	n	"	
Floor (7J10022-05RE1) Soil Sam	pled: 10/10/07 12:00	Received:	10/10/07 1	2:56					
Aroclor 1016	ND	4560	ug/kg dry	100	AJ71021	10/10/07	10/11/07	8082	U
Aroclor 1221	ND	456 0	"	II .		n	tr .	b	บ
Aroclor 1232	ND	4560				н	*	•	Ŭ
Aroclor 1242	ND	4560		11	**	H	ır	•	U
Areclor 1248	ND	4560		•			11	*	บ
Arector 1254	ND	4560	•	**	lr.	10	u u	•	Ü
Aroclor 1260	137000	4560	**		ıı	10	n	**	·
Surrogate: Tetrachloro-meta-xylene		122 %	61-1	40	"	"	H	,,	
Surrogate: Decachlorobiphenyl		141 %	56-1			W	"	*	G

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Page 4 of 6

10-11-07 15:38

Pg: 6

Tonawanda Coke Corporation

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Project: Env. Projects Soils/Oils

3875 River Road Tonawanda NY, 14150 Project Number: PCB Soils
Project Manager: Mark Kamholz

Reported: 10/11/07 16:47

Conventional Chemistry Parameters by EPA Methods

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Pad West (7J10022-01) Soil Sampled: 10	/10/07 12:00	Received: 1	0/10/07	12:56					
% Solids	82.8	0.1	%	1	AJ71113	10/11/07	10/11/07	% calculation	
Pad South (7J10022-02) Soil Sampled: 10	0/10/07 12:00	Received:	10/10/07	12:56					
% Solids	81.6	0.1	%	1	AJ71113	10/11/07	10/11/07	% calculation	
Pad East (7J10022-03) Soil Sampled: 10/	10/07 12:00	Received: 10	0/10/07	12:56					
% Solids	79.2	0.1	%	1	AJ71127	10/10/07	10/11/07	% calculation	_
Pad North (7J10022-04) Soil Sampled: 1	0/10/07 12:00	Received:	10/10/07	12:56					
% Solids	83.8	0.1	%	1	AJ71127	10/10/07	10/11/0 7	% calculation	
Floor (7J10022-05) Soil Sampled: 10/10/07 12:00 Received: 10/10/07 12:56									
% Solids	82.2	1.0	%	1	AJ71113	10/11/07	10/11/07	% calculation	

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety,

Page 5 of 6

Case 1:10-cr-00219-WMS-HKS Document 224 Filed 09/16/13 Page 30 of 48

Fax from

10-11-07 15:38

Pq: 7

Tonawanda Coke Corporation

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Sample results reported on a dry weight basis

Relative Percent Difference

Project: Env. Projects Soils/Oils

3875 River Road Tonawanda NY, 14150

dry RPD Project Number: PCB Soils Project Manager: Mark Kamholz Reported: 10/11/07 16:47

Notes and Definitions

บ	Analyte included in the analysis, but not detected
S-01	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.
G	G denotes analyte recovery is greater than the upper quality control limit
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Page 6 of 6

i.

10-29-07 16:05

Pg: 2

WASTE STREAM TECHNOLOGY, INC.

302 Grote Street Buffalo, NY 14207 (716) 876-5290

Analytical Data Report Report Date: 10/29/07 Work Order Number: 7J26009 Joseph Bund Sampling 2 South B.6 ppm 2 West 1.60 2 Sloot 133

Prepared For Mark Kamholz

Tonawanda Coke Corporation 3875 River Road Tonawanda, NY 14150 Fax: (716) 876-4400

Site: Tonawanda Coke Corporation

Enclosed are the results of analyses for samples received by the laboratory on 10/26/07. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Brian S. Schepart, Ph.D., Laboratory Director

ENVIRONMENTAL LABORATORY ACCREDITATION CERTIFICATION NUMBERS NYSDOH ELAP #11179 NJDEPE #73977 PADEP #68757 CTDPH #PH-0306 MADEP #M-NY068





Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Page 1 of 6

Fax from

3875 River Road

Tonawanda NY, 14150

Tonawanda Coke Corporation

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Project: Env. Projects Soils/Oils

Project Number: Tonawanda Coke Corporation

Project Manager: Mark Kamholz

Reported: 10/29/07 16:01

	ANALYTICAL REPORT FOR SAMPLES								
Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received					
2 SOUTH	7J26009-01	Soil	10/26/07 11:10	10/26/07 12:20					
2 NORTH	7J26009-02	Soil	10/26/07 11:10	10/26/07 12:20					
2 WEST	7J26009-03	Soil	10/26/07 11:10	10/26/07 12:20					
2 FLOOR	7J26009-04	Soil	10/26/07 11:10	10/26/07 12:20					

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Page 2 of 6

10-29-07 16:05

Pg: ⁴

Tonawanda Coke Corporation

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3875 River Road

Tonawanda NY, 14150

Project: Env. Projects Soils/Oils

Project Number: Tonawanda Coke Corporation

Project Manager: Mark Kamholz

Reported: 10/29/07 16:01

Polychlorinated Biphenyls by EPA Method 8082

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2 SOUTH (7J26009-01) Soil S	ampled: 10/26/07 11:10	Received:	10/26/07 1	2:20				-	
Aroclor 1016	ND	483	ug/kg dry	10	AJ72613	10/26/07	10/26/07	8082	τ
Aroclor 1221	ND	483		**	0	•	1)	u	τ
Aroclor 1232	ND	483			11	**	H	19	Ų
Aroclor 1242	ND	483	**	**	h	11	н	•	U
Aroclor 1248	ND	483	н	**	•	**	H	ų	U
Aroclor 1254	ND	483	н		•	•	**	10	U
Aroclor 1260	8630	483	**			**	**	u	
Surrogate: Tetrachloro-meta-xyle	ine	100 %	61-1	40	"	••	μ	"	<u> </u>
Surrogate: Decachlorobiphenyl		94.2 %	56-1	36	,,	μ	"	n	
2 NORTH (7J26009-02RE1) Soi Aroclor 1016	ND	1:10 Rece 24800		/ 07 12:20 500	AJ72613	10/26/07	10/20/07	9003	
Aroclor 1221	ND ND	24800	ug/kg dry	200	AJ72613	10/26/07	10/29/07	8082	ប
Aroclor 1232	ND ND	24800	at .		и				U
Aroclor 1242	ND ND	24800			**		n	 **	U U
Aroclor 1248	ND ND	24800	Ħ	11	**		"	**	U
Aroclor 1254	ND ND	24800	tr			0	11	n	U
Aroclor 1260	139,000	24800	H				*1		U
Surrogate: Tetrachloro-meta-xyle		2+000 %	61-1	40	"	μ	"		U, S-01
Surrogate: Decachlorobiphenyl	,,,,	%	56-1	-	ır	н	11	"	U, S-01
2 WEST (7J26009-03) Soil Sar	mpled: 10/26/07 11:10	Received: 1	0/26/07 12:	20					
Aroclor 1016	ND	488	ug/kg dry	10	AJ72613	10/26/07	10/27/07	8082	
Afocior 1010						•			_
Aroclor 1016 Aroclor 1221	ND	488	"		4	H	и		IJ
				ır	4	"	n rr	"	บ U
Aroclor 1221	ND	488	n						U U U
Aroclor 1221 Aroclor 1232	ND ND	488 488	"	ır	u		rr	"	U
Aroclor 1221 Aroclor 1232 Aroclor 1242	ND ND ND	488 488 488	# 11	ır n	"	**	rt H	"	ប ប
Aroclor 1221 Aroclor 1232 Aroclor 1242 Aroclor 1248	ND ND ND ND	488 488 488 488	() () ()	17 11	11 17	41 *7 19	17 19 11	11 19 11	ប ប ប
Aroclor 1221 Aroclor 1232 Aroclor 1242 Aroclor 1248 Aroclor 1254	ND ND ND ND ND 1630	488 488 488 488	() () () ()	(f)))) (h	11 17 17	44 ** ** **	n H U	11 19 11	ប ប ប

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Page 3 of 6

10-29-07 16:05

Pg: 9

Tonawanda Coke Corporation

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Project: Env. Projects Soils/Oils

3875 River Road Tonawanda NY, 14150

Project Number: Tonawanda Coke Corporation Project Manager: Mark Kamholz

Reported: 10/29/07 16:01

Polychlorinated Biphenyls by EPA Method 8082

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2 FLOOR (7J26009-04RE1) Soil	Sampled: 10/26/07 1	1:10 Recei	ived: 10/26	/07 12:20		•			
Aroclor 1016	ND	24800		500	AJ72613	10/26/07	10/29/07	8082	U
Aroclor 1221	ND	24800	11	"	11	"	10/25/07	0.702	-
Aroclor 1232	ND	24800	IF.	11	1 *	**	11	,	U
Arocior 1242	ND	24800	41	π		a			ប
Aroclor 1248	ND	24800	п	n	**	••	**		U
Aroctor 1254	ND	24800	**	44		11		"	U
Aroclor 1260	133,000	24800	n		•	"		и	Ū
Surrogate: Tetrachloro-meta-xylene		%	61-1	40	"	"	<u>"</u>	"	e at re
Surrogate: Decachlorobiphenyl		%	56-1		"	"	"	**	S-01, U S-01, U

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Page 4 of 6

10-29-07 16:05

Pg: €

Tonawanda Coke Corporation

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3875 River Road Tonawanda NY, 14150 Project: Bnv. Projects Soils/Oils

Project Number: Tonawanda Coke Corporation

Project Manager: Mark Kamhol2

Reported: 10/29/07 16:01

Conventional Chemistry Parameters by EPA Methods

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2 SOUTH (7J26009-01) Soil	Sampled: 10/26/07 11:10	Received:	10/26/07	12:20		· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·
% Solids	78.6	0.1	%	1	AJ72908	10/26/07	10/29/07	% calculation	
2 NORTH (7J26009-02) Soil	Sampled: 10/26/07 11:10	Received:	10/26/07	12:20					
% Solids	81.7	0.1	%]	AJ72908	10/26/07	10/29/07	% calculation	
2 WEST (7J26009-03) Soil 5	Sampled: 10/26/07 11:10 1	Received: 10	/26/07 1	2: <u>2</u> 0					
% Solids	90.9	0.1	%	1	AJ72908	10/26/07	10/29/07	% calculation	
2 FLOOR (7J26009-04) Soil	Sampled: 10/26/07 11:10	Received:	10/26/07	12:20					
% Solids	80.8	0.1	%	1	AJ72908	10/26/07	10/29/07	% calculation	

Waste Stream Technology Inc.

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Case 1:10-cr-00219-WMS-HKS Document 224 Filed 09/16/13 Page 36 of 48

Fax from

RPD

10-29-07 16:05

Pg: 7

Pg .

Tonawanda Coke Corporation 3875 River Road

Tonawanda NY, 14150

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Relative Percent Difference

Project: Env. Projects Soils/Oils

Project Number: Tonawanda Coke Corporation

Project Manager: Mark Kamholz

Reported: 10/29/07 16:01

Notes and Definitions

U	Analyte included in the analysis, but not detected
S-01	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Page 6 of 6

11-09-07 15:20 Pg: 2

WASTE STREAM TECHNOLOGY, INC.

302 Grote Street Buffalo, NY 14207 (716) 876-5290

Analytical Data Report Report Date: 11/09/07 Work Order Number: 7K06013 3 Floor 27.5 pm 3 North N.D.

Prepared For Mark Kamholz Tonawanda Coke Corporation 3875 River Road Tonawanda, NY 14150 Fax: (716) 876-4400

Site: PCB Analysis

Enclosed are the results of analyses for samples received by the laboratory on 11/06/07. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Daniel W. Vollmer, Laboratory QA/QC Officer

Daniel U. Vou

ENVIRONMENTAL LABORATORY ACCREDITATION CERTIFICATION NUMBERS NYSDOH ELAP #11179 NJDEPE #73977 PADEP #68757 CTDPH #PH-0306 MADEP #M-NY068



WASTE STREAM

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Page 1 of 5

Fax from

Tonawanda Coke Corporation

3875 River Road

Tonawanda NY, 14150

Project: Env. Projects Soils/Oils

Project Number: PCB Analysis Project Manager: Mark Kamholz

Reported: 11/09/07 14:07

ANALYTICAL REPORT FOR SAMPLES								
Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received				
3 Floor	7K06013-01	Solid	11/06/07 12:30	11/06/07 13:00				
3 North	7K06013-02	Solid	11/06/07 12:30	11/06/07 13:00				

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Page 2 of 5

Tonawanda Coke Corporation

3875 River Road Tonawanda NY, 14150 Project: Env. Projects Soils/Oils

Project Number: PCB Analysis
Project Manager: Mark Kamholz

Reported: 11/09/07 14:07

Polychlorinated Biphenyls by EPA Method 8082

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit		Dilution	Batch	Prepared	Analyzed	Method	Notes
3 Floor (7K06013-01) Solid Sampled	l: 11/06/07 12:30	Received:	11/06/07 13	:00					
Aroclor 1016	ND	0.446	mg/kg dry	10	AK70606	11/06/07	11/07/07	8082	τ
Aroclor 1221	ND	0.446			H		10	0	į
Aroclor 1232	ND	0.446	11	τι		11	**	**	ì
Aroclor 1242	ND	0.446			**	d	ч	d	t
Aroclor 1248	ND	0.446	и	ti	10	4	**	u	ί
Aroclor 1254	ND	0.446	fr	и		**	п	n	ī.
Aroclor 1260	27.5	0.446	н	н	.,	D	1)	u	
Surrogate: Tetrachloro-meta-xylene		99.7%	61-1-	40	,,	,,	,,		
Surrogate: Decachlorobiphenyl		91.2 %	56-1.		"	*	"	"	
3 North (7K06013-02) Solid Sampled	l: 11/06/07 12:30	Received:	11/06/07 13	3:00					
Aroclor 1016	ND	0.454	mg/kg dry	10	AK70606	11/06/07	11/07/07	8082	
Aroclor 1221	ND	0.454	"	**		11	н	"	U
Aroclor 1232	מא	0.454	ĮP	h	r		n		t
Aroclor 1242	ND	0.454	u	**	п	n	44	41	· ·
Afocior 1242	MD	0.434							11
	ND			11		la .	R	"	U
Aroclor 1248		0.454 0.454	"	11 10	"	h n	N 11	p n	U
Aroclor 1248 Aroclor 1254	ND	0.454		# #-					U U
Arocior 1242 Arocior 1248 Arocior 1254 Arocior 1260 Surrogate: Tetrachloro-meta-xylene	ND ND	0.454 0.454	n	*	"	n	u	11	U

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Page 3 of 5

11-09-07 15:21

Pg: 5

Tonawanda Coke Corporation

3875 River Road Tonawanda NY, 14150 Project: Env. Projects Soils/Oils

Project Number: PCB Analysis
Project Manager: Mark Kamholz

Reported: 11/09/07 14:07

Conventional Chemistry Parameters by EPA Methods

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
3 Floor (7K06013-01) Solid	Sampled: 11/06/07 12:30	Received: 1	1/06/07	13:00					
% Solids	73.3	0.1	%	1	AK70712	11/06/07	11/07/07	% calculation	
3 North (7K06013-02) Solid	Sampled: 11/06/07 12:30	Received: 1	1/06/07	<u>1</u> 3:00					
% Solids	78.2	0.1	%	ı	AK70712	11/06/07	11/07/07	% calculation	

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Page 4 of 5

Case 1:10-cr-00219-WMS-HKS Document 224 Filed 09/16/13 Page 42 of 48

Fax from

11-09-07 15:21

Pg: 6

Tonawanda Coke Corporation

3875 River Road

Tonawanda NY, 14150

Project: Env. Projects Soils/Oils

Project Number: PCB Analysis
Project Manager: Mark Kamholz

Reported: 11/09/07 14:07

Notes and Definitions

U Analyte included in the analysis, but not detected

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Page 5 of 5



302 Grote Street Buffalo, NY 14207 (716) 876-5290

Analytical Data Report Report Date: 11/14/07 Work Order Number: 7K12004 Hand Shorel Clook 3 Fdoor 1 N.D.

Prepared For Mark Kamholz Tonawanda Coke Corporation 3875 River Road Tonawanda, NY 14150

Site: Soil

Fax: (716) 876-4400

Enclosed are the results of analyses for samples received by the laboratory on 11/12/07. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Brian S. Schepart, Ph.D., Laboratory Director

ENVIRONMENTAL LABORATORY ACCREDITATION CERTIFICATION NUMBERS NYSDOH ELAP #11179 NJDEPE #73977 PADEP #68757 CTDPH #PH-0306 MADEP #M-NY068





Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Page 1 of 5

Case 1:10-cr-00219-WMS-HKS Document 224 Filed 09/16/13 Page 45 of 48

Fax from

3875 River Road

Tonawanda NY, 14150

11-16-07 10:33

Pg: 3

Tonawanda Coke Corporation

Project: Env. Projects Soils/Oils

Project Number: Soil

Project Manager: Mark Kamholz

Reported: 11/14/07 11:44

ANALYTICAL REPORT FOR SAMPLES

e III		-ZA ZIZI		
Sample ID	Laboratory ID	Metrix	Date Sampled	Date Received
3 Floor 1	7K12004-01	Soil	11/12/07 13:30	11/12/07 14:10

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Page 2 of 5

Tonawanda Coke Corporation

Project: Env. Projects Soils/Oils

3875 River Road Project Number: Soil
Tonawanda NY, 14150 Project Manager: Mark Kamholz

Reported: 11/14/07 11:44

Polychlorinated Biphenyls by EPA Method 8082

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
3 Floor 1 (7K12004-01) Soil	Sampled: 11/12/07 13:30	Received:	11/12/07 1	4:10					
Aroclor 1016	ND	483	ug/kg dry	10	AK71226	11/12/07	11/13/07	8082	Ū.
Aroclor 1221	ND	483	W	*	II .	ti .	**	•	U
Aroclor 1232	ND	483	u	II .	**		n	•	U
Aroclor 1242	ND	483	Ħ	•	II	H	u	н	U
Aroclor 1248	ND	483		ш	**	**	II .	le	U
Aroclor 1254	ND	483	t r			II	11		U
Aroclor 1260	ND	483		**	n	10	II .	11	U
Surrogate: Tetrachloro-meta-x	ylene	99.2 %	61-1	40	"	"	21	u	
Surrogate: Decachlorobiphen)		101 %	56-1	36	n	11	11	**	

Waste Stream Technology Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Case 1:10-cr-00219-WMS-HKS Document 224 Filed 09/16/13

Fax from

11-16-07 10:33

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Notes and Definitions

U Analyte included in the analysis, but not detected

DET Analyte DETECTED

Analyte NOT DETECTED at or above the reporting limit ND

NR Not Reported

Sample results reported on a dry weight basis dry

RPD Relative Percent Difference

Waste Stream Technology Inc.

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